

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraphs with the following paragraphs rewritten in amendment format:

Page 3, the paragraphs beginning on line 14 as follows:

An Another invention ~~as claimed in claim 2~~ of the present invention is a security administration server ~~as claimed in claim 1~~, comprising means for detecting an abnormality in security of the device to be monitored based on the communication related information, and means for reflecting to the image when such abnormality is detected of such fact and/or its content.

An Another invention ~~as claimed in claim 3~~ of the present invention is a security administration server ~~as claimed in claim 1 or 2~~, comprising means for collecting a log information via the LAN, wherein the communication related information is a log information stored and managed in the device to be monitored.

An Another invention ~~as claimed in claim 4~~ of the present invention is a security administration server ~~as claimed in any of claims 1 to 3~~, wherein:

Page 4, the paragraph beginning on line 6 as follows:

An Another invention ~~as claimed in claim 5~~ of the present invention is a security administration server ~~as claimed in claim 4~~, wherein:

Page 4, the paragraphs beginning on line 11 as follows:

An Another invention ~~as claimed in claim 6~~ of the present invention is a security administration server ~~as claimed in claim 5~~, wherein the standard is based on reliability between each device and the LAN.

An Another invention ~~as claimed in claim 7~~ of the present invention is a security administration server ~~as claimed in any of claims 3 to 6~~, wherein:

Page 4, the paragraph beginning on line 29 and continuing to page 5, line 1 as follows:

An Another invention ~~as claimed in claim 8~~ of the present invention is a security administration server ~~as claimed in any of claims 3 to 7~~, wherein:

Page 5, the paragraph beginning on line 18 as follows:

An Another invention ~~as claimed in claim 9~~ of the present invention is a security administration server ~~as claimed in any of claims 4 to 8~~, comprising:

Page 5, the paragraph beginning on line 25 as follows:

An Another invention ~~as claimed in claim 10~~ of the present invention is a security administration server ~~as claimed in any of claims 4 to 9~~, comprising means for transmitting and receiving the collected log information to and from the computer by communicating with the predetermined computer operating in the external network.

Page 6, the paragraph beginning on line 1 as follows:

~~An Another invention as claimed in claim 11~~ of the present invention is a security administration server ~~as claimed in any of claims 4 to 10~~, comprising:

Page 6, the paragraph beginning on line 12 as follows:

~~An Another invention as claimed in claim 12~~ of the present invention is a security administration server ~~as claimed in any of claims 4 to 11~~, comprising:

Page 6, the paragraph beginning on line 24 as follows:

~~An Another invention as claimed in claim 13~~ of the present invention is a security administration server ~~as claimed in any of claims 1 to 12~~, comprising:

Page 7, the paragraph beginning on line 12 as follows:

~~An Another invention as claimed in claim 14~~ of the present invention is a security administration server ~~as claimed in claim 13~~, comprising:

Page 7, the paragraph beginning on line 25 and continuing on page 8 lines 1-5 as follows:

~~An Another invention as claimed in claim 15~~ of the present invention is a security administration server ~~as claimed in claims 13 or 14~~, comprising means for specifying a MAC address wherein each combination of a MAC address and an IP address described corresponding to the allocated history is attached with a valid period information of the IP address, the valid period information and a generated time and date of the communication related information recorded and attached to the collected

communication related information are compared, and a MAC address corresponded with an IP address attached to the communication related information at the generated time and date is specified.

Page 8, the paragraphs beginning on line 6 as follows:

~~An Another invention as claimed in claim 16~~ of the present invention is a host server ~~functioning as the predetermined computer in claim 9~~, comprising means for suitably sending the updating data to the security administration server.

~~An Another invention as claimed in claim 17~~ of the present invention is a host server ~~functioning as the predetermined computer in claim 10~~, comprising means for storing and managing the communication related information sent from the security administration server.

~~An Another invention as claimed in claim 18~~ of the present invention is a host server ~~as claimed in claim 17~~, comprising means for sending the communication related information which is stored and managed to the security administration server.

~~An Another invention as claimed in claim 19~~ of the present invention is a host server ~~as claimed in claim 17 or 18~~, comprising:

Page 8, the paragraphs beginning on line 26 and continuing to page 9, line 5:

~~An Another invention as claimed in claim 20~~ of the present invention is a host server ~~as claimed in any of claims 17 to 19~~, comprising means for receiving the various setting information sent from the security administration server, or the fact and/or its content of detecting the abnormality, and for storing and managing such information.

~~An Another invention as claimed in claim 21~~ of the present invention is a host server ~~as claimed in claim 19 or 20~~, comprising:

Page 9, the paragraph beginning on line 11 as follows:

~~An Another invention as claimed in claim 22~~ of the present invention is a host server ~~as claimed in any of claims 17 to 21~~, comprising:

Page 9, the paragraph beginning on line 23 as follows:

~~An Another invention as claimed in claim 23~~ of the present invention is a host server ~~as claimed in any of claims 17 to 22~~, comprising:

Page 10, the paragraphs beginning on line 6 as follows:

~~An Another invention as claimed in claim 24~~ of the present invention is a security administration server ~~as claimed in any of claims 1 to 23~~, comprising means for collecting communication packets, wherein the communication related information is communication packets flowing in the LAN.

~~An Another invention as claimed in claim 25~~ of the present invention is a security administration server ~~as claimed in claim 24~~, comprising means for directly obtaining the communication packets via the LAN.

~~An Another invention as claimed in claim 26~~ of the present invention is a security administration server ~~as claimed in claim 24 or 25~~, comprising means for concentrating via the LAN communication packets which are obtained by the device to be monitored operating in the LAN and stored and managed in the device to be monitored.

~~An Another invention as claimed in claim 27~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 26~~, comprising:

Page 11, the paragraph beginning on line 3 as follows:

~~An Another invention as claimed in claim 28~~ of the present invention is a security administration server ~~as claimed in claims 24 to 27~~, comprising:

Page 11, the paragraph beginning on line 14 as follows:

~~An Another invention as claimed in claim 29~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 28~~, comprising:

Page 11, the paragraph beginning on line 27 as follows:

~~An Another invention as claimed in claim 30~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 29~~, comprising means

Page 12, the paragraph beginning on line 10 as follows:

~~An Another invention as claimed in claim 31~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 30~~, comprising means for detecting a use history of the device to be monitored of each user using the device to be monitored based on the communication packets, and sending an image describing the use history to the monitoring device.

~~An Another invention as claimed in claim 32~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 31~~, comprising:

Page 12, the paragraph beginning on line 26 as follows:

~~An Another invention as claimed in claim 33~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 32~~, comprising:

Page 13, the paragraph beginning on line 5 as follows:

~~An Another invention as claimed in claim 34~~ of the present invention is a security administration server ~~as claimed in any of claims 24 to 33~~, comprising:

Page 13, the paragraph beginning on line 15 as follows:

~~An Another invention as claimed in claim 35~~ of the present invention is a security administration server ~~as claimed in any of claims 1 to 34~~, comprising:

Page 13, the paragraph beginning on line 25 as follows:

~~An Another invention as claimed in claim 36~~ of the present invention is a security administration server installed in a LAN connected to an external network such as the Internet, comprising:

Page 14, the paragraph beginning on line 6 as follows:

~~An Another invention as claimed in claim 37~~ of the present invention is a security administration server ~~as claimed in claim 36~~, comprising:

Page 14, the paragraphs beginning on line 13 as follows:

~~An Another invention as claimed in claim 38~~ of the present invention is a security administration server ~~as claimed in claim 36 or 37~~, wherein the image generating means

comprises means for generating an image visualizing as respective predetermined objects, the device operating in the LAN, a device operating in the external network communicating with the device, a user using both the devices, and communication conducted between each device inside and outside of the LAN.

An Another invention ~~as claimed in claim 39~~ of the present invention is a security administration server ~~as claimed in claim 38~~, wherein the image generating means comprises means for dividing each object into groups according to a predetermined standard, and generate an image visualizing each group in layers.

An Another invention ~~as claimed in claim 40~~ of the present invention is a security administration server ~~as claimed in claim 39~~, wherein the standard is based on reliability between various devices and the LAN.

An Another invention ~~as claimed in claim 41~~ of the present invention is a security administration server ~~as claimed in any of claims 36 to 40~~, wherein:

Page 15, the paragraph beginning on line 14 as follows:

An Another invention ~~as claimed in claim 42~~ of the present invention is a security administration server ~~as claimed in any of claims 36 to 41~~, wherein

Page 16, the paragraph beginning on line 4 as follows:

~~An Another invention as claimed in claim 43 of the present invention is a security administration server as claimed in any of claims 36 to 42, comprising:~~

Page 16, the paragraphs beginning on line 11 as follows:

~~An Another invention as claimed in claim 44 of the present invention is a security administration server as claimed in any of claims 36 to 43, comprising means for transmitting and receiving actively or passively the collected log information to and from the computer by communicating with a predetermined computer operating in the external network.~~

~~An Another invention as claimed in claim 45 of the present invention is a security administration server as claimed in any of claims 36 to 44, comprising:~~

Page 16, the paragraph beginning on line 29 as follows:

~~An Another invention as claimed in claim 46 of the present invention is a security administration server as claimed in any of claims 36 to 45, comprising:~~

Page 17, the paragraph beginning on line 11 as follows:

~~An Another invention as claimed in claim 47 of the present invention is a security administration server as claimed in any of claims 36 to 46, comprising:~~

Page 17, the paragraph beginning on line 26 as follows:

An Another invention ~~as claimed in claim 48~~ of the present invention is a security administration server ~~as claimed in claim 47~~, comprising:

Page 18, the paragraphs beginning on line 8 as follows:

An Another invention ~~as claimed in claim 49~~ of the present invention is a security administration server ~~as claimed in claims 47 or 48~~, comprising means for specifying a MAC address wherein each combination of a MAC address and an IP address described corresponding to the allocated history is attached with a valid period information of the IP address, the valid period information and a generated time and date of the log information recorded attached to the collected log information are compared, and a MAC address corresponded with an IP address attached to the log information at the generated time and date is specified.

An Another invention ~~as claimed in claim 50~~ of the present invention is a host server functioning as the predetermined computer ~~in claim 43~~, comprising means for suitably sending the updating data to the security administration server.

An Another invention ~~as claimed in claim 51~~ of the present invention is a host server functioning as the predetermined computer ~~in claim 44~~, comprising means for storing and managing the log information sent from the security administration server.

An Another invention ~~as claimed in claim 52~~ of the present invention is a host server ~~as claimed in claim 51~~, comprising means for sending actively or passively the log information which is stored and managed to the security administration server.

An Another invention ~~as claimed in claim 53~~ of the present invention is a host server ~~as claimed in claim 51 or 52~~, comprising:

Page 19, the paragraphs beginning on line 8 as follows:

An Another invention ~~as claimed in claim 54~~ of the present invention is a host server ~~as claimed in any of claims 51 to 53~~, comprising means for actively or passively receiving the various setting information sent from the security administration server, or the fact and/or its content of detecting the abnormality, and for storing and managing such information.

An Another invention ~~as claimed in claim 55~~ of the present invention is a host server ~~as claimed in claim 53 or 54~~, comprising:

Page 19, the paragraph beginning on line 23 as follows:

An Another invention ~~as claimed in claim 56~~ of the present invention is a host server ~~as claimed in any of claims 51 to 55~~, comprising:

Page 20, the paragraph beginning on line 4 as follows:

An Another invention ~~as claimed in claim 57~~ of the present invention is a host server ~~as claimed in any of claims 51 to 56~~, comprising: